

CLAIMS

1. An electronic component for overvoltage protection, comprising predominantly organic functional polymers, which component has at least the following layers:

a substrate,

a primary electrode,

an organic semiconducting functional layer, and

a secondary electrode, wherein the threshold voltage can be adjusted by the selection of the electrode materials and/or of the material for the semiconducting layer.

2. A component as set forth in claim 1 which has at least one intermediate layer between one of the electrodes and the organic semiconductor layer.

3. A circuit, including at least two components as set forth in one of claims 1 and 2 connected in series for overvoltage protection, wherein the series circuit affords a threshold voltage which corresponds to a multiple of the threshold voltage of the individual components.